

350

HAINES-HOUSER COMBINED HARVESTER

GOLD MEDAL

HIGHEST AWARD

CALIFORNIA STATE FAIR, 1903.

*Unanimous choice of California
State Board of Agriculture : : :*



—4—
PRIZE
WINNERS

1905

—4—
PRIZE
WINNERS

LIGHTEST DRAFT

Requires only 14 to 30 head of horses.

Address,

HOUSER & HAINES MFG. CO.

Cor. Aurora Street and Scott Avenue,

STOCKTON, CALIF.

Branch Office, WALLA WALLA, WASH.

*Glover & McFarlane,
Asotin, Wash.*

IN placing OUR HARVESTERS for the season of 1905 before the public of the Pacific Coast, we take pleasure in expressing our gratitude to our old friends for past patronage, encouragement and support in our efforts to keep in the lead with the very best and most efficient Combined Harvester in the field. To our new friends we will point with pride to our long, useful and honorable career as the Originators and Manufacturers of these useful and necessary machines.

The Houser & Haines Manufacturing Company was founded by Mr. Daniel Houser and Mr. George W. Haines in 1889, after they had severed their connections with the old Houser Harvester Works, and at a time when they were ripe with knowledge which enabled them to build and put in the field at once the most successful machine of that day. The enviable reputation they had both acquired by the creation of the most successful Combined Harvester ever built was then and there bestowed upon the Houser & Haines Manufacturing Company.

Mr. Houser has since passed to his reward, but Mr. Haines, the Vice-President and General Manager of the company, is still the active overseer of all departments.

Years of STUDY and EXPERIENCE in the factory and in the field now enable us to put our Harvesters on the market with the VERY LATEST AND MOST VALUABLE IMPROVEMENTS.

We do not make any radical changes in our machines until they have been tried on a sample machine the year before. In this way we keep abreast with the times, and do not make any mistakes when we put new improvements on the machines for the market.

SUPERIOR QUALITIES.

The SUPERIOR QUALITIES of HAINES-HOUSER COMBINED HARVESTERS over all others are:

First—SIMPLICITY of CONSTRUCTION.

Second—THE BEST GRAIN SAVERS.

Third—DURABILITY.

Fourth—LIGHTNESS of DRAFT, which is from 4 to 6 Horses less than other machines of like capacity.

OUR MACHINES IN GENERAL

SEPARATOR The Separator on all our machines is constructed on the same general principles. It is recognized as the BEST EVER PUT OUT, as it will handle more grain, THRESH, CLEAN AND SAVE IT BETTER.

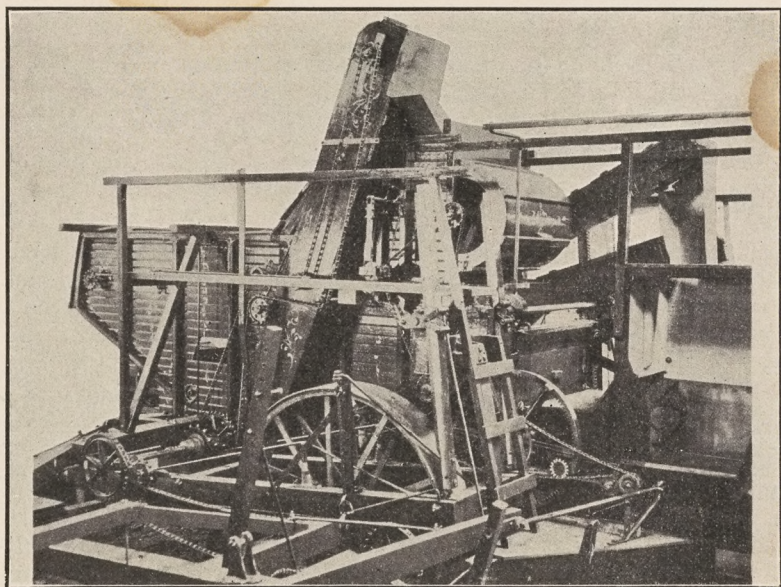
In the year 1898, on the farm of Mr. Bruce Farrell, near Walla Walla, Wash., one of OUR machines, with a 41-inch Separator, cut, threshed, re-cleaned and sacked 1008 sacks of wheat in one day of about eleven hours. This record has never been reached or in fact approached by any other Combined Harvester. The most important part of our Separator is the THROAT of the fan under the shoe. If

properly constructed it will direct the wind so as to separate the chaff from the grain before it reaches the shoe, and keep it in motion until it reaches the chaff piler behind the machine. It is to this vital point that we attribute our ability to thresh that 1008 sacks of wheat with a 41-inch shoe. Our Separator shoe is provided with an end shake which gives an upward movement behind and is built in three sections, consisting of a wire screen, wire fingers and an extension of maple slats on edge, covering in all a length of four and one-half feet and making it a double shoe.

STRAW DUMP

It is often desirable to have straw dumped in the field convenient for stacking, and in view of this we have adopted a hanging canvas dump, which leaves very large ricks of straw, thereby enabling the farmer to pick it up at much less cost than after the old style small dump.

The dumps are especially good from the fact that they are entirely closed in and save all the chaff which was formerly blown across the field, and also saves the annoyance of the chaff and dirt from the tail end blowing all over the machine.



SHOWING INTERNAL GEAR

GRAIN CARRIER

Our Grain Carrier is made the FULL WIDTH of the Separator and is not blocked out an inch or two as in other machines, thereby reducing the capacity. We use TWO BEATERS instead of one over the Grain Carrier, thus INSURING COMPLETE AGITATION of the straw before it reaches the pickers.

DOUBLE DRIVE

All four models of our Harvesters are of the **DOUBLE DRIVE** variety, that is: The power necessary to operate is divided between the two main wheels as equally as possible, but in such a manner that each has its own work to do at all times whether traveling in a straight line or on curves. This is the only Double Drive Combined Harvester in use, all others being merely so-called Double Drives.

ROLLER BEARINGS

Flexible Roller Bearings are used on all our cylinders, thereby reducing friction to a minimum on this the most important bearing of the machine. The boxes never become heated, require less oiling and greatly reduce the draft.

CLEANER

A main feature of our Harvester is the **RE-CLEANER**. Situated as it is directly on top of the Separator and being made a part thereof, it does away with all loose joints and the consequent working thereof. **ALL** the refuse instead of being blown to the four winds is returned to the Separator, thereby insuring comfort and cleanliness to the operators even in the windiest days. Our Cleaner has three distinct features not found on other machines, which are as follows:

First—The shake for the double gangs of screens are of the **BALL AND SOCKET PATTERN** in place of being of the eccentric style. This reduces the friction to a minimum and runs **NOISELESSLY**.

Second—It is boarded up tightly and all the screens work inside, **WHICH EFFECTIVELY PREVENTS THE WASTEFUL LEAKAGE** that takes place around all open cleaners.

Third—We also use a device for raising or lowering the back of both screens while the machine is in motion, so that any level can be maintained when working on level or hilly land, and the screen can be readily set to handle clean or foul grain without the necessity of scraping them.

Brakes are provided for all three wheels on our machines.

HEADER

The Header is made of less pieces than any other on a Combined Harvester, and is so compact that when loaded on trucks for moving it will pass through a sixteen-foot gate with ease. The header wheel being 57 inches in diameter, **MUCH LARGER THAN ON OTHER MACHINES**, enables it to travel over rough ground with the least draft and friction, and the fact that it is situated nearly opposite the main wheels on the Separator, allows it to cut a square corner without cramping.

ANGLE STEEL SICKLE BAR

Our Angle Steel Sickle Bar will last a lifetime. The guards are fastened with two common stove bolts, so that in case of breaking one it can be replaced in one minute without taking out the sickle and no injury whatever has

been done to your bar, as in the case with the so-called combination bars, where the guard is driven into the wood, and after having been replaced several times, the hole in the wood becomes so enlarged that it is impossible to keep the guard tight, and the consequence is all the wood or combination wood and iron bars are worn out in two or three seasons, while ours will never have to be replaced. This bar is the **SIMPLEST, STRONGEST and MOST DURABLE**, will **CUT CLOSER and PICK UP DOWN GRAIN MORE SUCCESSFULLY** than any bar on the market.

We use a very strong **REEL** and our **DRAPERS** are made of the very best duck and belting obtainable.



SHOWING HEADER UP HILL

SPECIAL FEATURES

Having gone over the general parts of our Harvesters, we will now call your attention to the Special Features of each model:

THE STANDARD DOUBLE DRIVE MACHINE

Is designed for level land, and especially for the heaviest work and hard usage on rough or very soft soil. It is built of the very best

material and is the strongest and best machine in the market. The wheels are six feet high and both are provided with grousers, as the power required to drive the machinery is about equally divided. These machines have 44-inch Separators, 30-inch Cylinders, and Grain Carrier, Shoe and Cleaner 44 inches wide.

In addition to all the well-recognized devices for threshing and cleaning grain, such as the usual beaters over the grain carrier, this machine has an Extra Beater back of the pickers, running at the proper speed to tear the straw apart, thereby insuring complete separation. It has also our Special Double Shoe, which consists of the regular shoe screen with an additional 18-inch slat screen back of the fingers. These features were thoroughly tried by our experts in the field the last two seasons and are pronounced by them to be the most efficient improvements in Combined Harvesters of recent years.



SHOWING ARRANGEMENT OF HORSES

We continue to use the six-foot driving wheels which have proven so satisfactory in past years, and, following our practice for the last four seasons, still use the Internal Gear on the Main Drive and Cylinder in place of the old-style chains and belt.

These features, in conjunction with the Roller-Bearing Boxes on the Cylinder, insure the lightest draft machine on the market.

We have found the placing of the Tight Cleaner on Side Hill Combined Harvesters advisable, and we are now following that practice in all our Standard Harvesters.

We still use a link belt for the second motion, thereby insuring flexibility and providing a safe breaking point in case of a sudden start or jerk. This gives our machine the advantage of a Link Belt Harvester in runaways, and positively guarantees against the breakage of the gears.

The substitution of gearing in this model means a saving in cost of extras of about thirty dollars per year, or six hundred dollars during the life of the Harvester. It has all the advantages of the old tight-gear machines in economy of operating, lightness of draft,



SHOWING HEADER DOWN HILL

having a positive motion of the cylinder without the slipping of the belt and the disadvantage of the extra friction found in Link Belt machines. The friction overcome means a saving of from four to six horses in operating, and we guarantee them to be as noiseless as the Link Belt variety.

RECORD OF RAINFALL IN STOCKTON, 1849-1905

COMPILED FROM RAIN GAUGE KEPT AT THE STATE HOSPITAL

Months.		1849	1850	1851	1852	1853	1854	1855	Months.		1878	1879	1880	1881	1882	1883	1884
September	0.250	.....	.....	1.000	.003	.....	.....	.....	January	5.450	2.280	1.540	2.830	1.270	2.550	1.940
October	1.500	.....	.....	.180	.....	.....	.130	.....	February	6.700	2.940	1.320	2.500	.840	.350	4.430
November	2.250	sp'kl	2.140	6.000	.610	.310	.740	.....	March	2.560	2.060	.890	.820	3.640	2.550	6.660
December	12.500	sp'kl	7.070	13.410	1.350	.230	2.420	.....	April	1.010	1.750	6.280	1.110	2.210	1.230	2.940
Months.		1850	1851	1852	1853	1854	1855	1856	May	.650	.960	1.010	.290	.....	4.840	.500
January	4.500	.650	.580	2.400	2.640	2.900	4.500	.....	June	.....	.200	.....	.....	.110	.....	1.270
February	0.500	.350	.120	.620	8.940	2.740	.020	.....	July	.....	.....	.....	.....	.....	.....	.....
March	10.000	1.880	6.400	2.020	3.600	2.200	.260	.....	August	.....	.....	.....	.....	.....	.....	.....
April	4.250	1.140	.190	2.700	3.240	3.290	.160	.....	Total	18.760	11.460	15.340	14.685	10.693	15.260	20.360
May	0.250	.690	.300	.250	.660170	Months.		1884	1885	1886	1887	1888	1889	1890
June	September	.19027	.8857
July	October	1.40022	3.39
August	November	6.080	.84	.52	2.70	3.27
Total	36.000	4.710	17.980	27.403	21.040	11.800	8.370	December	5.690	1.240	.82	3.06	2.42	6.60	1.74
Months.		1856	1857	1858	1859	1860	1861	1862	Months.		1885	1886	1887	1888	1889	1890	1891
September	.....	.....	.....	sp'kl	.025	.063	.....	.....	January	1.230	5.360	.36	3.36	.31	4.99	.29
October	.450	.655	3.010	.....	.914	sp'kl	.355	.....	February	.....	.040	.378	.48	.98	1.66	2.85
November	.830	2.406	.147	6.485	.181	2.170	.005	.....	March	.260	1.210	.21	2.29	3.98	1.26	1.33
December	2.900	6.632	4.329	1.834	4.282	8.637	2.327	.....	April	.770	3.430	1.57	.28	.14	1.08	1.24
Months.		1857	1858	1859	1860	1861	1862	1863	May	.....	.....	.....	.55	1.52	.55	.44
January	1.375	2.444	.964	2.310	2.668	15.036	1.733	.....	June	.050	.....	.03	.....	.06	.....	.02
February	4.801	2.461	3.906	.931	2.920	4.260	2.751	.....	July	.....	.....	.....	.....	.....	.....	.....
March	.675	2.878	1.637	5.110	3.320	2.800	2.360	.....	August	.030	.....	.....	.....	.....	.....	.....
April	sp'kl	1.214	.981	2.874	.475	.821	1.693	.....	Total	9.620	17.360	7.83	10.81	12.99	22.80	8.48
May	sp'kl	.203	1.037	2.491	.590	1.808	.355	Months.		1891	1892	1893	1894	1895	1896	1897
June	.350	.098	.....	.107	.135	.011	.....	.....	September	.14	.08	.13	1.76	.50	.....	.03
July	.....	.....	.030	.549	.....	.....	.....	.....	October	.24	.79	.....	1.32	.26	1.11	1.37
August	sp'kl	.....	.....	.....	.....	.006	.....	.....	November	.29	3.66	2.38	.56	1.09	2.30	.39
Total	11.381	18.991	16.041	22.716	15.548	35.549	11.579	.....	December	4.19	2.99	1.42	6.70	1.20	1.28	1.23
Months.		1863	1864	1865	1866	1867	1868	1869	Months.		1892	1893	1894	1895	1896	1897	1898
September	.003	.004	.080	.....	.....	.030	.....	.....	January	.95	.88	.88	5.24	6.09	2.04	.61
October	120	120	.....	.....	.....	.620	.130	1.050	February	1.22	.47	.93	1.70	.19	2.85	1.32

SMALL STANDARD DOUBLE DRIVE MACHINE

We also build a smaller model of our Standard Machine which is in every essential feature like our regular Standard, which is designed for the use of those having small fields where a smaller cut is needed in irrigated districts. We use a 28-in. cylinder, 40-in. Separator, and recommend it for use with header from 12 to 16 feet.

OUR REGULAR TWO WHEEL SIDE-HILL MACHINE

Is a marvel of lightness and simplicity, and is intended for use on the prolific hill lands and enables the farmers of these sections to harvest their crops at about the same cost as on the level lands. We have placed the main wheel boxes on this model under the sills, thereby gaining greatly in leveling capacity without weakening the machine, and we can guarantee they will level up on a steeper hill than any two-wheel machine built. Our main wheels support a swing frame which is operated by racks and pinion, instead of the screws formerly used by us, and are found to be more effective than any other method. In this model we place the cleaner directly over the separator instead of over the main wheels, thereby giving more scope to the wheels and at the same time disposing of all chaff and dust from the cleaner by depositing it inside the separator. This will be found to be a greater advantage, while it does not interfere with getting around over the machine, as a platform and hand rail are provided on the side of the cleaner. The dimensions are somewhat less than our standard machines, as we found it was not practical to haul such large machines over the hills. We use in these machines a 28-inch cylinder, a 40-inch grain carrier and shoe, and a 40-inch cleaner. The wheels are five and one-half feet high. We also hold as much as possible to our contention that gears are more satisfactory than either Link Belt or Leather Belt, by using an internal Gear and Pinion to drive the cylinder in our Side-Hill machine, but we are forced to use the main drive chain to enable the wheels to travel up and down, for the purpose of leveling the Separator.

These machines have been found so satisfactory and have such extreme leveling capacity, that we have given up the manufacturing of One Wheel Side-Hill machines entirely, as there is now no necessity for them, this being capable of harvesting anywhere that horses can travel or that a plow can be used.

OUR SMALL TWO WHEEL SIDE-HILL MACHINE

Is exactly like our Regular Side-Hill Harvester, except that in some of its dimensions it has been materially reduced to meet the requirements of localities where the grain stands up and where the farms are smaller or more cut up. In fact, it is built expressly to

meet the conditions found in Oregon and Washington, where comparatively little straw has to be handled for a large yield of grain, and where the ground is so soft that a light machine is an absolute necessity.

This machine has a 26-inch cylinder, a 36-inch grain carrier and shoe, and a 36-inch double shoe re-cleaner. It has main bearing wheels five and one-half feet high and 16 inches wide. Both being drivers, they are provided with grousers.

On hard land this machine can be operated with sixteen horses, but on very soft land and where the grain is heavy, it requires more to do good effective work and to run it up to its full capacity.

TESTIMONIALS:

We call your attention to the following testimonials from people who have used our late machines:

CAPAY, CAL., Jan. 14, 1905.

Houser & Haines Mfg. Co., Stockton, Cal.

Gentlemen: The Small Side-Hill Harvester I purchased from you last May gave perfect satisfaction. I pulled it with six mules less than my old machine, and they pulled it right up steep hills without any trouble, where before, with my other machine, the first three rounds I had to put it out of gear. This machine beats anything I ever saw to cut weeds, such as China lettuce, sun-flowers, Napa thistle, etc.

This machine will probably last me as long as I want a machine, and if it does not, I will certainly buy another Haines-Houser.

I cut forty days and never lost twenty minutes on account of machine.

I made a good average, and the last two weeks one man quit and I didn't want to go after another, so I attended header and let the machine run herself, and she never stopped until we put her in the shed, and it is now ready for another season.

If you want to use my letter you can do so. Yours truly,
ED. J. MAST.

COLTON, WASH., Sept. 29, 1904.

Houser & Haines Mfg. Co., Walla Walla, Wash.

Gentlemen: In regard to the Small Side-Hill Combined Harvester which we purchased of you and operated this season, I wish to say that we have just finished the most successful harvest we have ever had.

We started quite early and cut 700 acres in 28 days of about 8 hours each. We worked a number of three-year-old colts straight through and didn't skin their shoulders.

Our grain is perfectly clean, and we are offered a 2c premium for it on that account. The machine handled China lettuce comparatively easy that could not have been cut with a Header or Binder. We cut with the utmost ease over ground where we could scarcely run a Header.

Four men will operate the machine easily in any kind of grain, and the work is simply play. No worry for Header runner or hard work for Stacker, Loader, Spike Pitch or Drivers, simply set back in the shade on a cushioned seat and watch the wheels go around.

We will be glad to answer any and all correspondents regarding the machine, if by so doing we can benefit the farming public or the Harvester Company, who have treated us grandly.

(Signed): FERGUSON BROS.

LIND, WASH., Aug. 31, 1904.

The Houser & Haines Mfg. Co., Walla Walla, Wash.

Dear Sirs: In answer to the many inquiries of how I progressed with my Harvester, I would say for the benefit of all, that I have cut 1100 acres with my Combined Harvester purchased of you this season, in 27 days at a cost of about 80 cents per acre, or just about half, compared with the old method of heading and threshing.

I now feel that I can cheerfully endorse the statement of your agent made to me several years ago, that is: "You can pile your headers and threshers up and set fire to them and be ahead by harvesting with a Combined Harvester.

My stock came off in good condition.

My moves absorbed two days of above time. My repairs have been absolutely nothing for the season's run.

(Signed) W. G. OFFUTT.

WASHTUCNA, WASH., Aug. 26, 1904.

Houser & Haines Mfg. Co., Walla Walla, Wash.

Dear Sirs: I finished harvesting on the 18th instant, after a run of twenty-five and a half days, without any break of any kind (except that Sprocket No. 882), and that was my fault. I left the chain off of one of those beaters, so it caught as we started up and broke the Sprocket.

I cannot say enough in praise of the Small Side-Hill Haines-Houser. It is the most perfect machine I ever saw.

Yours respectfully,

H. D. MAY.

UNION, CAL., Aug. 12, 1903.

Houser & Haines Mfg. Co., Stockton, Cal.

Gentlemen: The Small Side-Hill Harvester purchased of you last spring has given good satisfaction. We had a very short harvest, but I did \$1400 worth of work and paid out \$300 for help, which left me \$1100 for my trouble. I ran along side of other makes of machines, and I believe I did as much as both of them. This is not a boast—I can prove what I say.

I cut 100 acres in twenty-four hours, and I can separate sixty bags per hour and do good work.

I cut along side of a 20-foot cut machine, and they had thirty-eight head of horses and cut about twenty-five acres a day, and I had twenty-six horses and cut forty acres a day.

The Haines-Houser carries the white plume.

Yours truly,
M. J. HOWLETT.

MILLS, July 6, 1904.

Houser & Haines Mfg. Co., Stockton, Cal.

Gentlemen: Inclosed please find order for Fourteen (\$14) Dollars, according to statement in your last letter.

We want to say for the benefit of the public that the Haines-Houser Standard Harvester is the best machine ever put in the field. We run our machine the past two years and never had any stops in the field, and we ran it with four horses less than the other machines of the same capacity, just because it is a geared machine.

Yours truly, N. H. LAURITSON & JENSEN.

GERMANTOWN, CAL., Jan. 12, 1905.

Houser & Haines Mfg. Co., Stockton, Cal.

Gentlemen: It gives me pleasure to recommend your "Tight Cleaner" and Internal Gear Small Standard Combined Harvester.

Having had eighteen years' experience with Combined Harvesters, I can truly say that my expenses for operating your late machine were the least I have ever had heretofore.

I pulled the 16-foot machine with twenty-four mules with little labor, and cut 1800 acres in forty-eight days. Half of this land was river bottom.

For handling weedy, as well as clean grain, I heartily recommend the Haines-Houser machine.

Yours truly,
D. A. SHELLOE.

WOODLAND, CAL., December 1, 1904.

Houser & Haines Mfg. Co., Stockton, Cal.

Gentlemen: The "New Junior" Side-Hill machine which I purchased of you last season has given entire satisfaction. It worked on our rough hills equally as well as on the level ground. In down grain it was impossible to choke it down. It proved easier on the stock than any machine we have had on the ranch.

Yours truly, H. H. GABLE.

TANCRED, CAL., December 2, 1902.

Houser Haines Mfg. Co., Stockton, Cal.

Dear Sirs: The Small Two Wheel Side-Hill Harvester purchased of you last season has given good satisfaction. Am perfectly pleased with the ease that it can be moved from one field to another. This is a great advantage to us, as our fields are quite small.

JOHN E. WINTERS,
Manager for the Winter Co., Inc.

LEWISTON, IDAHO, September 15, 1903.

Houser & Haines Mfg. Co., Walla Walla, Wash.

Dear Sirs: The sixteen-foot cut Haines-Houser Combined Harvester I bought from you has proved to be more than you claimed for it.

It has been successful in saving all the grain, and in thoroughly separating the grain from the foul stuff, which it has also put into separate sacks, instead of scattering it on the ground.

It has cost me less than sixty cents per acre to harvest my crop of nine hundred acres.

I fully recommend your Machine to any one desiring a cheap and thorough harvest.

Yours truly,

J. F. INGRAM.

PULLMAN, WASH., November 10, 1903.

Houser & Haines Mfg. Co., Walla Walla, Wash.

Gentlemen: The Harvester that I bought of you this season did good work on all kinds of ground, found nothing so steep but what the Machine would level itself on it. It is the best machine on the market.

Yours truly,

JOHN F. YOUNG, Pullman, Washington.

MONKLAND, ORE., January 11, 1904.

Messrs. Houser & Haines Mfg. Co., Walla Walla, Wash.

Gentlemen: Concerning the Harvester, I will say, I would not take any other make for it that I have seen. I have not investigated what machine did the most and best work, but from what I can find out I think I have, by far, the best machine in this County.

I cut 1250 acres in 32 days and made a return move of 6 miles.

Hoping you will sell many machines next season, I remain,

Very truly yours,

J. A. RASMUSSEN.

DAVENPORT, WASH., November 12, 1903.

Houser & Haines Mfg. Co., Walla Walla, Wash.

Gentlemen: The COMBINED HARVESTER I bought from you for this year gave me great satisfaction.

The leveling device is fine and will level upon the steepest hills, take all grain out if grain is dry and even if tough will clean nearly all grain out.

I am now well satisfied that with your COMBINED HARVESTER is the only way to harvest grain.

The draught of your machine is far lighter than the one I used for 5 years.

Yours truly,

J. W. FRY.

PULLMAN, WASH., November 15, 1903.

Houser & Haines Mfg. Co., Walla Walla, Wash.

Gentlemen: Regarding the 16-foot COMBINED HARVESTER that I bought of you this season will say that it gave entire satisfaction.

I cut 700 acres of very rough land in 30 days. One field of 140 acres finished up in 13 three-cornered pieces.

It will go with ease on any hillside where a header can be run.

Every man and team worked through the entire season, while my neighbors who harvested with other machinery, were changing men and teams most every day.

I had no expense to speak of for repairs. I consider that I made a saving of at least \$3.00 per acre by using your COMBINED HARVESTER.

Yours truly,

J. S. KLEMGARD.

November 18, 1903.

Houser & Haines Mfg. Co., Walla Walla, Wash.

Gentlemen: The HAINES-HOUSER COMBINED HARVESTER purchased of you this year I consider to be as fine a piece of Harvesting Machinery as I ever owned in my 20 years' experience in farming, and I have used nearly every kind of Harvesting Machinery used in this part of the world.

I pulled the Machine into the field and in an hour and a half we were harvesting in good shape and continued to do so the entire harvest through.

This Machine harvested, threshed and cleaned the grain well, and I consider that it was a money-maker for me from the word "go."

I can say conscientiously that on a good average year that I can get more bushels per acre and put the grain in the sack cheaper than I could do the same work with the Header and Thresher and put it in the sack cheaper or as cheap as I could put it in the stack by the old method.

My Postoffice address is Lewiston, Idaho, and the ground harvested by me is in the neighborhood of that place.

Yours very truly,

J. M. NELSON.

FRESNO, CAL., June 24, 1903.

Messrs. Houser & Haines Mfg. Co., Stockton, Cal.

Dear Sirs: The Internal Gear 20-foot Houser-Haines Harvester you shipped to me at Santos has been running steadily since beginning of the month, and cutting 40 acres a day right along. The Machine is doing excellent work and I am glad to say it has given entire satisfaction.

Yours very truly,

HECTOR BURNES.

To the Farmers of the Northwest we will say that as Combined Harvesters have driven all other methods of threshing and harvesting crops out of California, so will they force all other methods out of your States in a very short time, by reason of the economy of this method. So do not be persuaded to purchase any other outfit, and while looking into the matter be sure and get the very best COMBINED HARVESTER that is on the market, by purchasing one of the four models herein described, according to your needs.

We have a General Agent and Storeroom in Walla Walla, Wash., and would be pleased to have you communicate with them for any information regarding our machines.

Houser & Haines Mfg. Co.

WALLA WALLA, WASH.

Houser & Haines Mfg. Co.

Branch Office and Store.

STOCKTON, CALIF.

Houser & Haines Mfg. Co.

Main Office and Works

RECORD PRINT, STOCKTON



HAINES-HOUSER COMBINED HARVESTER

Glover & McFarlane,
Asotin, Wash.